

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1-39 (canceled)

Claim 40 (new): A computer program product for remotely monitoring execution of a computer program, comprising:

computer code that collects data during an execution of a computer program using at least one monitoring instruction, the at least one monitoring instruction being associated with the computer program, the data being associated with the execution;

computer code that sends the collected data to a remote system;

a computer readable storage medium that stores the computer codes.

Claim 41 (new): The computer program product of claim 40, wherein the computer readable medium is a CD-ROM, floppy disk, tape, flash memory, system memory, or hard drive.

Claim 42 (new): The computer program product of claim 40, wherein sending the collected data to the remote system includes automatically sending the collected data to the remote system.

Claim 43 (new): The computer program product of claim 40, further including changing the at least one monitoring instruction over the computer program development cycle.

Claim 44 (new): The computer program product of claim 40, further including classifying the execution of the computer program as normal or abnormal.

Claim 45 (new): The computer program product of claim 44, further including saving a call stack in the collected data if the execution of the computer program is classified as abnormal.

Claim 46 (new): The computer program product of claim 40, further including allowing a user to customize processing that will be performed when the computer program finishes the execution.

Claim 47 (new): The computer program product of claim 40, further including generating a symbolic call stack on the remote system so that the computer program may be debugged remotely.

Claim 48 (new): The computer program product of claim 40, wherein the computer program is compiled on the remote system, the method further including storing a module map when the computer program is compiled on the remote system.

Claim 49 (new): The computer program product of claim 40, further including remotely debugging the computer program.

Claim 50 (new): The computer program product of claim 40, further including sending a version of the computer program to the remote system during the execution of the computer program.

Claim 51 (new): The computer program product of claim 50, further including downloading a new version of the computer program from the remote system.

Claim 52 (new): The computer program product of claim 40, further including incorporating the at least one monitoring instruction into the computer program

Claim 53 (new): The computer program product of claim 40, further including linking the at least one monitoring instruction into the computer program.

Claim 54 (new): A computer program product for remotely monitoring execution of a computer program, comprising the steps of:

computer code that executes a computer program including at least one monitoring instruction for collecting data regarding the execution of the computer program;

computer code that for the at least one monitoring instruction that collect data regarding the execution of the computer program;

computer code that sends the collected data to a remote system; and
a computer readable storage medium that stores the computer codes.

Claim 55 (new): The computer program product of claim 54, wherein the computer readable medium is a CD-ROM, floppy disk, tape, flash memory, system memory, or hard drive.

Claim 56 (new): The computer program product of claim 54, further comprising the step of automatically sending the collected data to the remote system when the computer program finishes execution.

Claim 57 (new): The computer program product of claim 54, further comprising the step of changing the at least one monitoring instruction over the computer program development cycle.

Claim 58 (new): The computer program product of claim 54, further comprising the step of classifying the execution of the computer program as normal or abnormal.

Claim 59 (new): The computer program product of claim 58, further comprising the step of saving the call stack in the collected data if the execution of the computer program is classified as abnormal.

Claim 60 (new): The computer program product of claim 54, further comprising the step of allowing a user to customize processing that will be performed when the computer program finishes execution.

Claim 61 (new): The computer program product of claim 54, further comprising the step of generating a symbolic call stack on the remote system so that the computer program may be debugged remotely.

Claim 62 (new): The computer program product of claim 54, wherein the computer program is compiled on the remote system and further comprising the step of storing a module map when the computer program is compiled on the remote system.

Claim 63 (new): The computer program product of claim 62, further comprising the step of storing a call stack and module list when the computer program finishes execution.

Claim 64 (new): The computer program product of claim 63, further comprising the step of generating a module name/relative virtual address (RVA) list from the call stack and the module list.

Claim 65 (new): The computer program product of claim 64, further comprising the step of sending the module name/RVA list to the remote system.

Claim 66 (new): The computer program product of claim 65, further comprising the step of generating a symbolic call stack on the remote system from the module map and the module name/RVA list so that the computer program may be debugged remotely.

Claim 67 (new): The computer program product of claim 54, further comprising the step of remotely debugging the computer program.

Claim 68 (new): The computer program product of claim 54, further comprising the step of sending a version of the computer program to the remote system during execution of the computer program.

Claim 69 (new): The computer program product of claim 68, further comprising the step of downloading a new version of the computer program from the remote system.

Claim 70 (new): The computer program product of claim 54, further comprising the step of sending information to a bug tracking application.

Claim 71 (new): The computer program product of claim 54, further comprising the step of, for each portion of the computer program designed by a different vendor, collecting data specific to each portion.

Claim 72 (new): The computer program product of claim 54, wherein the at least one monitoring instruction specifies a vendor.

Claim 73 (new): The computer program product of claim 72, further comprising the step of utilizing a Windows hook to intercept a system call invoked by the computer program.

Claim 74 (new): The computer program product of claim 54, wherein the at least one monitoring instructions are computer platform independent.